

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

**Prepared by:** Ashley Daigle – adaigle@quantumspatial.com – (541) 622-3635

**Reporting period:** May 24<sup>th</sup>, 2019 – May 31<sup>st</sup>, 2019

**Report Date:** May 31<sup>st</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- LiDAR acquisition progress was made in Powell, Clark Fork, and Jefferson Counties. Updated Acquisition Status Maps are attached below.
- Data Processing of the Hill, Valley, and Mineral County Datasets continue back in the Corvallis office.
- QC of the flown data on Powell, Clark Fork, and Jefferson are ongoing in the Corvallis office.
- QC Ground Survey work on Hill County completed on 5/30.

**Outstanding issues and concerns:**

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	78%	rolling	
LiDAR Data Processing [50%]	25.5%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Continue calibration and data processing of the Hill, Valley, and Mineral County LiDAR datasets.
- Continue QC of the Jefferson, Powell, and Clark for Datasets flown so far this Spring.
- Weather permitting, continue progress on the low elevation and snow free areas of Jefferson, Clark Fork, Powell, and Deer Lodge Counties.





















